

14

1949-53

File No. 305/48(9)

B CLASS

E. C. DEPARTMENT

E. C. FRANCE (1)

Subject:— Elec. Licence

Bagalkot-

Report on the supply position
of the Newkesh ^{power works} ~~Elec. Supply~~
Comp. Bagalkot-

B/K 7 1952

File No.

Old. Sect. By 24.2

305/48(9) - E.C. (1)

DOCKET SHEET

Subject:—

File No. 305/4869

P. W. DEPT.

EL BRANCH (r)

References:—

Date.	To whom sent.	Notes and instructions.
25/4	S.S.	Some letter sent on 11-12-7-25. I went with me there early at
21/5	P. W.	wait (2 c. 50)
24/4	S.S.	Some letter sent on 11-12-7-25. (21-5-51)
18/10/51	J.S.	Wait further (18-12-57)
17/1/52		Wait further (18-3-52)

1 P.W.D.

305/48(9)
48211

Ed. Br (I)

Resubmitted with letter to the enr. dated
the 29-7-49. P-2 of C.S.

2. The main file has been received and
is subm. herewith, linked case I.

The Venkatesh Power Works Bagalkot
was advised to order out new set, under
G.L. No. 305/48-EL, dated the 6-6-49. Please

see the Corp's reply at p.1 of C.S.
The Ed. Engr. may be requested no. to
state, ^{whether} the position of supply of the Corp.
at ~~present~~ has now improved.

P-172 of file
No. 305/48

✓
D.S.

Ph.
13/11/49

H. H. H. H.

new No. 0
15/12

El.Br.(I).Public Works Deptt.

Submitted with reference to office note at p.186 ante.

2. With a view to ensure a continuous, steady and regular supply of energy to all the consumers within the areas served by the electy. undertakings in this Province the Electrical Engr. to Govt. was requested to report the condition of, supply of all the undertakings and make suggestions for improvements in each case. The reports on 60 electy. undertakings received from the El. Engr. had been dealt with vide o.n. at p.157 to 160 ante. As suggested by the El. Engr. some electy. undertakings were asked to take steps to improve their position of supply, vide G.Ls. at pp.162 to 179 ante. Replies received from the undertakings shown in the *margin

are dealt with separately in separate files opened with the copies of relevant papers from this file. The Electy. undertakings at Amalner, Athani, Rander and Junnar have not intimated the steps taken by them for ordering new sets and for conversion of D.C. to A.C. system ~~by them~~

* The Karad Electric Supply Company.
The Allied Elec. Agencies, Ltd., Satara.
The Amalgamated Ely. Coy.(Belgaum).
The Nasik-Devlali Elec. Supply Coy.
The Malegaon Ely. Coy.
The Mahableshwar Elec. Supply Coy.
The Nipani Elec. Supply Coy.
The Yeola Elec. Supply Coy.
The Udwada Wapi El. Supply Company.
The Venkatesh Power Supply Coy.

A as suggested in the G.Ls. at p.169, 170, 174 & 175 ante respectively. They may be requested to intimate to Govt. the steps taken by them in the matter.

3. The reports on the supply position of B.E.S. & T. and the Bombay Suburban Elec. Supply Coy. were not received. The El. Engr. was therefore expedited vide G.L. at p.185 ante. The reports since received from him will be found at pp.187-190 ante. The El. Engr. considers that both the undertakings will be able to satisfy the demands of the consumers. No action is therefore necy. on them.

4. Certain electy. undertakings were not asked to place orders for new set though they are needed to improve the supply position, as Grid supply is to be made available to those places and it is not considered advisable to ask the licensees concerned to incur heavy expenditure on purchase of new plants etc. vide para. 7 of the office note at p.158 ante. From the El.Commr.'s note it will be seen that Anand, Surat, Sanand, etc. places are likely to get grid supply within a year or two. But Byadgi will have to wait for 3/4 years more. Please see the El. Engr.'s report at p.135 ante. The El. Engr. may be requested U.O.to state whether he considers it necy. to ask the licensee to place orders for a new set.

5. What was aimed at in calling these reports was that the El. Engr. should be after the licensees and they should keep their position of supply in fairly satisfactory condition by carrying out the repairs to their machines etc. and by installing addl. sets where they are needed to cope up with the demand. The El. Engr. was asked to submit quarterly progress reports in respect of undertakings stating the progress made by each. For the reasons explained by him in his letter at p.161 ante, the El. Engr. however informed that the next progress report would be submitted in Sept. last. He has not yet submitted the reports. He may be expedited for the submission of reports.

6. It may be stated here that after taking into consideration the position of elec. supply at several places, as revealed by the reports, and also the difficulties of the Electy. Undertakings in the manufacture and transport of materials, ~~and~~ a press note has been already issued enlightening the general public of the causes of unsatisfactory elec. supply and requesting them to tolerate the tempy. inconvenience due to shortage of elec. power and a occasional interruptions to supply due to breakdown of machinery. A copy of the press note will be found at p.195 ante.

Id.N.R.N.
12/12/49.

Id.K.V.J(oglekar),
14/12/49.
D.S.

The Undertakings at Bombay City, Bombay Suburbs, Bassein, Thana, Kalyan, Bhiwandi, Panvel, Lonavla and Purna receive supply from Tatas and are in a class by themselves. Their case is indirectly under consideration in the report of the Power Shortage Commtee. They are mere 'agents' or distributors and not producers of elec. and should not be classed with others.

Action be taken on 'A' and 'B'; also the Elec. Engr. be asked separately as proposed in para. 4 of O.N. (This main file need not go to the Elec. Engr.) Individual cases should be dealt with on separate files.

Id. G.V.B(edekar),
14/12/50.
Secy.

BAK
11/4/50.

5

El.Br.(I).

305/48/8454
Public Works Deptt.

Submitted with reference to the O.N. overleaf and the Secretary's orders on pp.198-99 of file No.305/48, Part I.

2. The Electrical Engineer has submitted reports in connection with 15 Electrical Undertakings as per list on p.91 of C.S. Before further action is taken the Electrical Engineer may be requested to submit reports on all the remaining Electrical Undertaking at an early date as ~~for~~ per draft ~~upt~~ up for approval. Nocy. further action on these reports will be taken after issue of the draft.

Id/- B.D.P.
3-3-50.

Draft may issue, but action on the reports already received should be taken without loss of time.

Id.K.V.J(oglekar),
13/3/50.
D.S.

BAK
11/4/50

7
El.Br.(I).

305/48/8454
Public Works Deptt.

Resubmitted with reference to the Dy. Secy.'s orders within.

2. Separate files have since been opened for each of the Companies, reports in respect of which have so far been recd. from the Elecl. Engr. to Govt. They are being submitted ~~se~~ separately. As reports in respect of the remaining Coys. have not been recd. from the Elecl. Engr. so far, that officer may be expedited as per draft put up for approval.

Id. B.D.P.

1/3-4-50.

Id/- K.V.J(oglekar),
3/4/50
D.S.

BAK .
11/4/50

P. W. D.El. Engrs

Submitted.

2. Please see the copy of the El. Engrs report at p. 7 of the C.S. on the position of supply of Shri Venkatesh power works at Bagalkot. It will be seen therefrom that there is much improvement in the voltage of supply and the capacity of the plant is just sufficient to cope with the existing demand for power. The Supply Coy. however does not entertain any requisition for new connections due to the non-availability of spare power. As suggested by the El. Engrs. the Coy. may be asked to order out a new plant of adequate capacity to meet the additional demand of the town. The draft ^{P-11} put up for approval may issue.

AK
22/4/50

KJH/4/50

D.S.

305/48 (92)

10

EMTIC.

12/9

P.W.D.

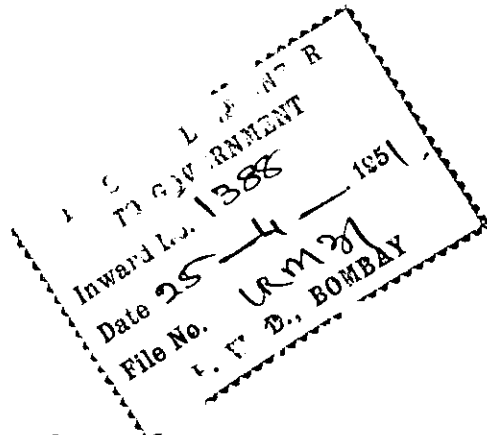
K.B.

Resubmitted.

2- The Incl. Engrs. to Govt. may be requested to submit a further report on the latest position of the Undertaking.

21/4/51

22/4/51



u . o . to H. J. L. A. S. (42)
25-4-51

W

Below U.O.R.No.305/48(4) dated the 23rd April 1951,
from Government in the Public Works Department.

=====

No. RM31/7537 of 1951.

Bombay, 5th October 1951.

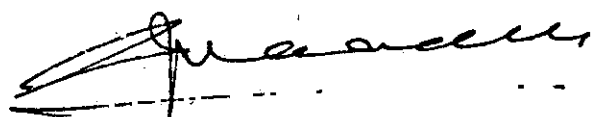
Returned, with compliments.

2. There are in all three generating sets in the power house at Bagalkot, with an aggregate rated capacity of 151.6 K.W. and safe carrying capacity of 121 K.W. The maximum demand of the station is 110 K.W., between the hours of 7.30 P.M. and 8.30 P.M.

3. The Supply Company, in addition to the above, has purchased two second-hand sets from Calicut, one of a rated capacity of 120 K.W. and the other of 88 K.W., of which the set of 120 K.W. has arrived at site and is under erection. The work of erection of the unit is expected to be completed within the next four months, after which the supply position will improve considerably.

3. At present, due to the varying speeds of the two existing high speed diesel sets, synchronising is not possible, with the result that there is a partial interruption of supply for a couple of minutes during the period the load is transferred from one set to the other. The Supply Company has intimated that this difficulty will be obviated as soon as its two second-hand sets go into commission.

4. The Supply Company has changed its existing copper conductors to those of higher sections in many parts of their distribution system to tide over the difficulties of voltage drop. A part of this work is still held up, because of the non-availability of the requisite size of copper conductors.


Electrical Engineer to Govt.
He

P.

K 6.10.10

File No. 305/48(9)
Serial No. 85904

Ann

5. 10-57

K.D. ^{p11}
 The report of the Elec. Engr. on the supply position of Shri Venkatesh Power Works, Bagalkot, is ^{p10} submitted for information with reference to the O.A. dated the 21-4-1951.

2. Please see ^{p11-12 c/s} G.L. No. 305/48(9)-2(I), dated the 26-4-1950, in which the license was asked to order out an addn. set of adequate capacity to meet with the demands of the town. It will be observed from the Elec. Engr's report, that the Co has purchased two second-hand sets from Calicut, out of which one has arrived at site and is under erection. As soon as the work of erection is completed, the supply position will improve considerably. The supply Co has also taken steps to overcome the difficulties of voltage drop by changing its existing copper conductors.

3. In the circumstances, no action appears neeq. on the present report ^{p11} of the Elec. Engr. Previous reports in respect of the Bagalkot Hy. Undertaking

P.W.D.

305/48(a)/85906.

-17-

will be found at pp 1 and 2 c/s. The receipt of
the next report may be awaited from the

Encl. Engr.

17/12/51

dy

AS (JE)

Kav.

P.W.D.

Resubmitted -

2/- The Elec. Engr. to Govt. may be requested to
to submit a report re: latest supply position at
Bagalkot.

10-4-52

Full
14/4

~~14~~

DS (ONE)

Not. to the El. Engr. to Govt. d-14-4-52

12/4 12-5-52

ELECTRICAL ENGINEER TO GOVERNMENT	
Inward No.	1181
Date	25-4-1952
File No.	12-5-52
P. W. D., BOMBAY	

Below U.O.R. No.305/48(9)85904, dated the 14th April 1952, from Government in the Public Works Department.

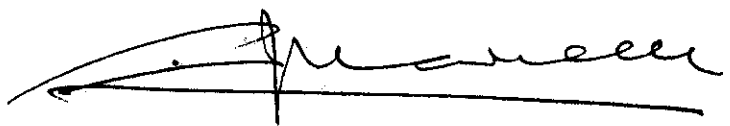
No.LRM 31/ 15625 of 1953.
Bombay, 23rd January 1953.

There are in all 4 generating sets with a total rated capacity of 252 K.W. but of these, 2 sets, one of 57½ K.W. and the other of 30 K.W. are out of commission and the maximum aggregate safe carrying capacity of the remaining two sets is 140 K.W. The maximum demand of the station goes upto 121 K.W. at present between 7 P.M. to 8 P.M.

During the quarter ending 31st December 1952 there were frequent stoppages due to sudden failure of engines. Some of the sections of the city are regularly kept off during peak load hours in order to avoid overload on the remaining working sets. There was a complete shut down on 26th December 1952 from 4 P.M. to 12 night.

It has been reported that during quarter ending 31st December 1952 set No.2 of 57 K.W. and set No.3 of 30 K.W. have broken down. The set No.2 of 57 K.W. has been badly damaged. Set No.3 of 30 K.W. requires replacement of piston, piston rings and the valves. The Supply Company have completed the erections of two additional sets and one set of 100 K.W. is already put into commission during the quarter ending 31st December 1952. The second set will be put into commission very shortly. The position of the supply during the quarter ending 31st December 1952 is found unsatisfactory. If the immediate repairs are effected to sets No.2 and 3 and if the new set of 120 K.W. is put into immediate commission the position of the supply will improve considerably.

There are at present 27 applications pending with the Supply Company for connections.



Electrical Engineer to Government.

Time

305/48(9)/9539

K Br.

P.W.D.

Submitted with reference to the office note
dt: the 10-4-52.

2. In the circumstances explained overleaf
by the Elec. Engr, the Bagalhot licence may be
addressed as per the draft put up for approval.

11-2-53.

by
wh

D.O. (L.H.E.)

K Br.

P. W.D.

The Supply Co. expedited under
No. 305/48(9) K, dt. the 30th March 1953.

28/3/53

30/3

30-3-53

Supdt.

30/3

Amount (2-5-53)
31/3

K Br.

The Supply Co. expedited under
No. 305/48(9) K on 11th May 1953

18/5/53

28-5-53

ISSUED
Date... 16/5/53
K.

Supdt.

15/5/53

17

303(ABC9) (1539)
P.W.D.

12 Br

The Supply Co. expedited again under
 No. 303(49) 9K on 12th June 1953.

(14)
11/6/53

11/6

15
 11/6
Supply

22 11/6

10/7

11/7

305/48(9)/9539

18

KBr

P.W.D.

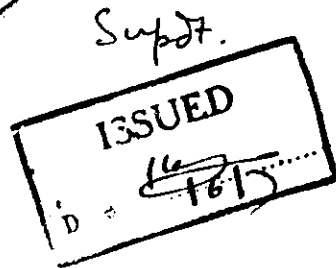
The Supply Co. expedited under
No. 305/48(9) K on 16th July 1953.
①A
15/7/53.

433
15/7

For further correspondence
pl. see file no.
LAB 2653
9539

Amr-
25/7
15/7
53

16/11



G. R., G. D., No. 2408, dated 22-6-22.]

Std. Scott. 78 a.

DOCKET SHEET

Subject :—

File No. 308/48(9)
D. W DEPT.
E(-) BRANCH. (1)

References :—

Date.	To whom sent.	Notes and instructions.

1

SHRI VENKATESH POWER WORKS, BAGALKOT.

At present there are two power houses which are supplying electric energy to Bagalkot Town. There is a set of 71 kVA. worked by a steam engine in the old power house, and one recently erected set of 30 K.W. in the new power house. The Company has sold out the old power house, together with the steam engine (without the 71 kVA. alternator). The Company has placed an order for the 130 B.H.P. engine which will be erected in the new power house. The 71 kVA. generator will be shifted to the new power house and will be driven by the new engine. The old power house will then be closed permanently and all the power will be supplied from the new power house. The present rated capacity of the plant is 88 K.W., but actually capable of taking a total load of 67 K.W. safely due to the worn out condition of the steam engine. The peak load normally is 72 K.W., but at times goes beyond the capacity of the plant and causes excessive voltage drop on the line. The new 130 B.H.P. engine ordered out by the Company for working the existing 71 kVA. generator is expected to be received at site withing a few weeks.

The Company does not entertain any requisitions for new connections due to overloading of the present plant. As the new engine will be utilised to meet only the existing demand, I think the Company should take immediate steps ordering out a new set of adequate capacity to cope up with the additional demand of the town within the next few years.

Electrical Engineer to Govt.

2.
SSS.
12/12/49.

3
No.305/48-El.

P. W. Deptt.,
B.C.,(Bombay No.1),6th June 1949.

To

Messrs. Shri Venkatesh Power Works,
Bagalkot.

Subject:- Electric Supply at Bagalkot.

Dear Sirs,

It is understood that your steam engine is worn out due to continuous service and at times the peak load goes beyond the capacity of the plant and causes excessive voltage drop on the line. Govt. is aware that you have ordered a new engine which will help you to meet only the existing demand. You should therefore take immediate steps for ordering out a new set of adequate capacity to cope up with the additional demand of the town within the next few years.

2. Please intimate to Govt. the steps taken by you in this matter.

Yours faithfully,

D.A.-Nil.

Copy forwarded for information to the El.Eng r. to Govt. with refce. to the corres. ending with his No.LRM.31/6712, dt. the 31-1-49.

Copies to the Elecl. Commr. with the Govt. of Bombay for information.

Id/-

21-5-49.

Id/- K.D.K.
27-5-49
U. S.

Id/- K.V.J.
27-5-49
D. S.

2.
SSS.
12/12/49.



SHRI VENKATESH POWER WORKS BAGALKOT.

Owner & Proprietor:
Sardar K. S. Sirdesai of Rakhsagi.

Ref. No. 150.

Date 21st July 1949.

To,

The Deputy Secretary to the Government of Bombay,
Public Works Department,
Bombay.

Dear Sirs,

With reference to your letter 1305/48-EL, we take great pleasure in communicating to you the steps taken by us to meet the demands of the Bagalkot public; As our steam engine was pretty old and as it was not taking up the necessary load we ordered 130 B.H.P. and another 70B.H.P. directly coupled to 81 KW and 30 KW respectively. We have already got one S.L.M. 81 KW directly coupled set, which is already on commission. The 30KW set is also giving service and a section i.e. Kaladagi section is fed already by this set. Within a short time, we will be able to start the 130 BHP set after completing our line work.

It will not be out of the way Sir, to bring to your kind notice that the Bagalkot station is just like a hamlet and our switch-board amphere meters rush to Zero after 9.30 p.m. There is no scope for other industries than the Ginning & Pressing. Any way, we are strongly thinking of going for 150 KW set within a short period.

Yours faithfully,

B. Sirdesai

305/48/48241

P. W. H.

El. Br.

Submitted.

The main file has been referred to the El. Comm on 19-7-49. Its return may be awaited.

Ph

27-7-49

for.

~~27/7/49~~

Mr. Nav.
28/7

✓
A. F. S.

Acknowledged under
No 305/48-El, of the
3rd August 1949

31/8/49

~~31/8~~
Mr. Nav.
4/8

31/8/49

El 2317

305/48

48241

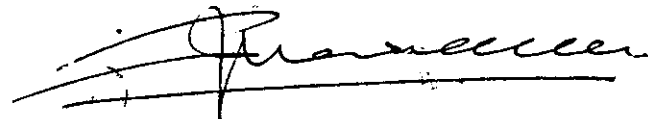
Mr. Nav.

SRI VENKATESH POWER WORKS, RAVALPUR.

The generator of 71 K.V.A. which was driven by the steam engine, has been coupled to the new 150 B.H.P. engine. For all the power is generated and supplied from the power house situated on the new site. There are three sets in the power house, and the Company is adjusting speeds of the engines to ^{synchronize} synchronize them.

Since the 150 B.H.P. engine has been brought into commission, there has been much improvement in the voltage of supply. The steam engine was not able to develop the rated power due to its defective rated condition and used to drop in speed when loaded. The alternator, now driven by the new engine, develops the rated power. The capacity of the present plant is just sufficient to cope up with the existing demand. The Company does not entertain any requisition for new connections due to the non-availability of spare power.

The Company has not yet ordered out a new set of adequate capacity to meet the additional demand of the town.



Electrical Engineer to Govt.

[Copy. Original in file No. 30548, Part-II.] 9

No.LRM.31/9051 of 1950.
P.W.D. Offices, Churchgate Street,
Fort, Bombay, 2nd February 1950.

To

The Secretary to Government,
Public Works Department,
Bombay.

Re: Reports on Electricity Undertakings.

.....

Reference: This office letter No.LRM.31/7258, dated
10th December 1949.

The reports in connection with the Electrical Undertakings as per list attached are enclosed for information of Government.

Reports in respect of the remaining concerns are under preparation and will be submitted shortly.

Sd/-

Electrical Engineer to Government.

BAK
1/4/50.

No-305/48⁽⁹⁾ EL(1)

P.W.D.

B.C., (Bombay No.1)

26th April 1950

To
Messrs. Shri Venkatesh Power Works,
Bagalkot.
Sub. Elec. Supply at Bagalkot.

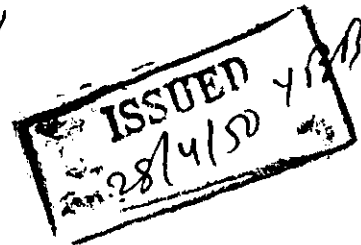
Dear Sirs,

It is understood that the capacity of your present plant is just sufficient to cope up with the existing demand and you are not entertaining any requisitions for new connections due to the non-availability of spare power.
you

you are therefore requested to order
out a new set of adequate capacity ~~in order to~~
to meet the additional demands
of the town.

yours ffly D.A. Nil
Dy. Secy to Govt.

copy forwarded to the El. Engr. ^{Pl}
Govt. with ref. to his letter No. LRM31/
9051 dated the 2-2-50.



Ah
20/4/50

1/1/1
A.P.

10/10/50
D.

Shen Rao
5/4/52

No. ~~95.39~~
305/48(9) K.

P.W.D.

B.L. (Bombay No. 1)

13 Feb., 53.

To

The Manager,

Shri Venkatesh Power Works, Bagalkot.

Subject:- Electric supply at Bagalkot.

Sir,

I am directed to refer to the correspondence resting with ¹¹⁻¹²⁻⁵² G.O. No. 305/48(9)^{el(1)}, dt. the 26-4-50, on the subject mentioned above and to state that it has been reported to Govt. that there are in all ^{p 15/11.5} four generating sets in your Power House with a total rated capacity of 252 K.W., ~~but~~ that two of them viz. one of 57 K.W. and the other of 30 K.W. are out of commission and that consequently the maximum aggregate safe carrying capacity of the remaining two sets is 140 K.W. and that the maximum demand of the station goes up to 121 K.W. at present between 7 P.M. to 8 P.M.

2. I am to add that it is also

^{p 15/11.5} understood that during the quarter ending the 31-12-52, there were frequent stoppages in ^{your} the supply of electricity due to sudden failure

of engines and that some sections of Bagalkot
city are regularly kept off during the peak
load hours in order to avoid overload on the
remaining working sets. It has been reported
to Govt. that during the quarter ending the
31-12-52, set No 2 of 57 K.W. and set No. 3
of 30 K.W. have broken down and that the
position of supply ~~during the quarter ending the~~
~~31-12-52~~ was unsatisfactory. On the above
circumstances, I am to request you to effect
immediate repairs to sets No. 2 and 3 and to
take immediate steps to put into commission the
new set of 120 K.W. so as to ensure a regular,
continuous and efficient supply to Bagalkot.
The ^{action} steps taken by you in the matter should
please be communicated to Govt. at an
early date.

D.A.-Nil.

Yours faithfully

A. S. to Govt.

Copy forwarded for information to
the Elec. Engr. to Govt. with reference to his - 4th
Ltr. No. L.R.M. 31/15625, dt. the 23-1-53.

11-2-53.

9th 13/2

No. 305/48(9) K.

15
Public Works Department,
Bombay Castle (Bombay No. 1),
13th February 1953.

From

The Assistant Secretary to the Government of Bombay,
Public Works Department.

To

The Manager,
Shri Venkatesh Power Works, Bagalkot.

Subject:- Electric supply at Bagalkot.

...

Sir,

I am directed to refer to the correspondence resting with Government Letter No. 305/48(9) EL (1), dated the 28th April 1950, on the subject mentioned above and to state that it has been reported to Government that there are in all four generating sets in your Power House with a total rated capacity of 252 kW. that two of them viz. one of 57 kW. and the other of 30 kW. are out of commission and that consequently the maximum aggregate safe carrying capacity of the remaining two sets is 140 kW. and that the maximum demand of the station goes up to 121 kW. at present between 7 P.M. and 8 P.M.

2. I am to add that it is also understood that during the quarter ending the 31st December 1952, there were frequent stoppages in your supply of electricity due to sudden failure of engines and that some sections of Bagalkot City were ~~are~~ regularly kept off during the peak load hours in order to avoid overload on the remaining working sets. It has been reported to Government that during the quarter ending the 31st December 1952, set No. 2 of ~~57~~ kW. and set No. 3 of 30 kW. have broken down and that the position of supply was unsatisfactory. In the above circumstances, I am to request you to effect immediate steps to put into commission the new set of 120 kW. so as to ensure a regular continuous and efficient supply to Bagalkot. The action taken by you in the matter should please be communicated to Government at an early date.

Repairs to sets No. 2 & 3,
and to take
immediate

Yours faithfully,

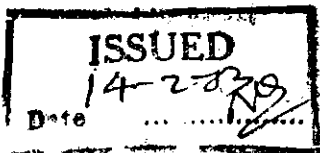
13/2/53

13/2/53

D.A.-Nil.

Assistant Secretary to the Government of Bombay,
Public Works Department.

Copy forwarded for information to the Electrical Engineer to Government with reference to his endorsement, No. LRW 31/15625, dated the 23rd January 1953.



Amey-46-3-83
16/2

Suri T
06/3

File 200

For further correspondence
ple see file no.
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